

Converting Colors

Hex(00A561)

Have a look what the booklet for
Hex(00A561) contains.

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Color

Hex(00A561)

Conversions

Conversions Part 1

Format	Color
Hex	00A561
RGB	0, 165, 97
RGB Percent	0%, 65%, 38%
CMY	1.0000, 0.3529, 0.6196
CMYK	1.00, 0.00, 0.41, 0.35
HSL	155°, 100%, 32%
HSV	155°, 100%, 65%
XYZ	15.6128, 27.7733, 15.8472
YIQ	107.9130, -76.5120, -56.1280

Conversions

Conversions Part 2

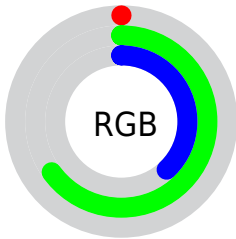
Format	Color
RYB	0, 104, 165
Decimal	42337
CIELab	59.68, -52.39, 25.29
CIElCh	60, 58.173, 154.236
Yxy	27.7733, 0.2636, 0.4689
Android (android.graphics.Color)	4278232417 (0xFF00A561)
YUV	107.9130, -5.3801, -94.6397
Hunter-Lab	52.7004, -39.3441, 19.0616

Details

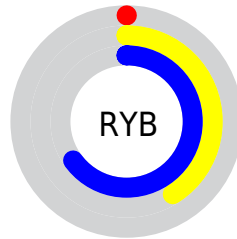
The Hex color **00A561** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A50044**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5ADD94**, and **007031** is the 20% darker color. If you saturate the color by 10%, you get **00A561**, and if you desaturate by 10%, it is **10A568**.

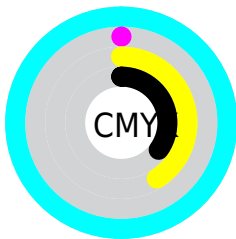
Distribution



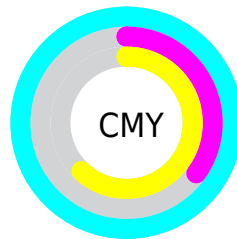
- Red (0%)
- Green (65%)
- Blue (38%)



- Red (0%)
- Yellow (41%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A561 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00A561 by changing the saturation by 10% instead.

 00A561

 00A561

FFFFFF

 008A49

 5ADD94

 007031

 79FAAF

 00561B

 96FFCB

 003D03

 B4FFE7

 002700

 D2FFFF

 000000

 F0FFFF

 00A561

 10A568

 21A56F

 32A575

 42A57C

 52A583

 63A58A

 73A591

 84A597

 94A59E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6F9D34



00A561



00A896

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00A561



1693F6



E76959

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00A561



A50044

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EB5F8B



00A561



9B7FE5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00A561



00A1EC



D369BD



CD7D31

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00A561



00A8B8



D369BD



EC6369

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00A561



96D6BC



45A500



456B5B



EBEBEB



6B6B6B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00A561



00D67E



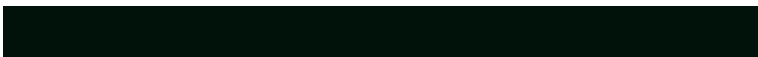
0097A5



49524E



009155



00120A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A50044



D60058



A50E00



52494D



91003C



120007

Previews

White Background



This preview shows how the Hex color 00A561 looks on a white background.

Color Contrast Check

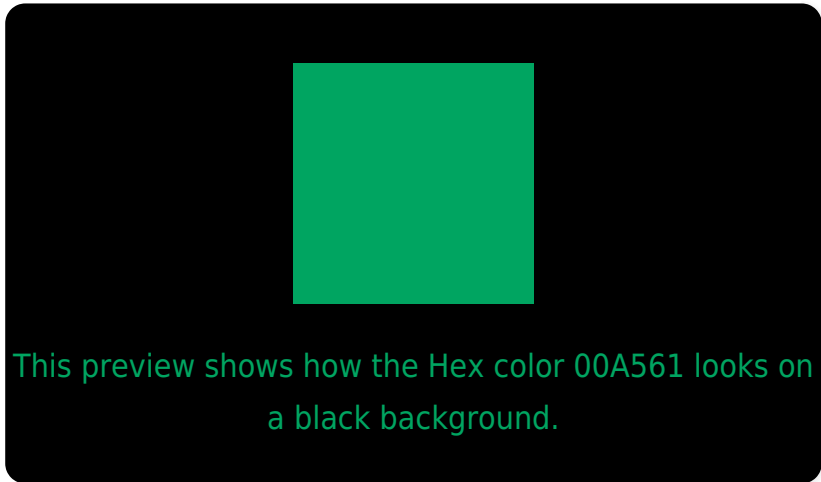
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

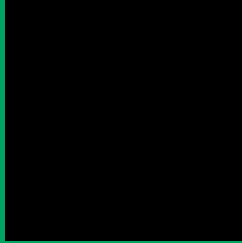
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A561 Background



This preview shows how black text looks on a background with the Hex color 00A561.

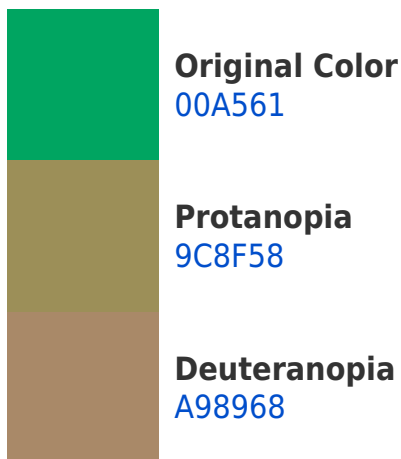


This preview shows how white text looks on a background with the Hex color 00A561.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
3C9DA9

Trichromacy



Original Color
00A561



Protanomaly
63975B



Deuteranomaly
6C9365



Tritanomaly
26A08F

Monochromacy



Original Color
00A561



Achromatopsia
6C6C6C



Achromatomaly
458168

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A561 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00A561 looks like.

```
.text, #text, p{  
    color:#00A561  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00A561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A561
}
```

Border

The CSS property to change the border of an element to Hex 00A561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00A561 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00A561 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00A561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A561; -webkit-box-shadow:4px 4px  
4px 4px #00A561; box-shadow:4px 4px 4px  
4px #00A561 }
```

Background

The CSS property to change the background color of an element to Hex 00A561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A561 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00A561 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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